

537,842

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
24 June 2004 (24.06.2004)

PCT

(10) International Publication Number
WO 2004/053216 A1

(51) International Patent Classification⁷: D03D 15/00,
D04H 13/00

CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,
SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:
PCT/EP2003/013503

(22) International Filing Date: 1 December 2003 (01.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
MI202A002595 6 December 2002 (06.12.2002) IT

(84) Designated States (regional): ARIPO patent (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US): ORLANDI S.P.A. [IT/IT]; Via Gesu', 21, I-20121 Milano (IT).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

(72) Inventor; and

Published:

(75) Inventor/Applicant (for US only): ORLANDI, Vittorio [IT/IT]; Via L. Manara, 10, I-21010 Arsago Seprio (IT).

— with international search report

(74) Agent: GERVASI, Gemma; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittorio, 9, I-20122 Milan (IT).

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR,

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2004/053216 A1

(54) Title: FABRIC WITH A BASE OF NON-WOVEN FABRIC STRIPS

(57) Abstract: A textile product is described which is composed of a weft and a warp, in which the weft and/or the warp are composed of strips of non-woven fabric. This product is applied in the production of cloths for cleaning floors, dusters, napkins, bedspreads, couch covers, cushion covers, car seat covers, doormats, etc. The strips of non-woven fabric are preferably composed of hydroentangled or thermobonded fibres, and with a base of materials such as viscose, polyethylene, polypropylene, polyamide, cellulose pulp. The invention also includes mixed textile products, in which non-woven products are combined with materials other than non-woven such as wool, silk, synthetic fibres, etc. This method is advantageously, though not exclusively, suited for recycling even waste materials derived from the processing of non-woven fabric.

CORRECTED VERSION

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
24 June 2004 (24.06.2004)

PCT

(10) International Publication Number
WO 2004/053216 A1

(51) International Patent Classification⁷: D03D 15/00,
D04H 13/00

GB, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,
SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:
PCT/EP2003/013503

(22) International Filing Date: 1 December 2003 (01.12.2003)

(84) Designated States (regional): ARIPO patent (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(25) Filing Language: English
(26) Publication Language: English

Declaration under Rule 4.17:
— *of inventorship (Rule 4.17(iv)) for US only*

(30) Priority Data:
MI2002A002595 6 December 2002 (06.12.2002) IT

Published:
— *with international search report*

(71) Applicant (for all designated States except US): ORLANDI S.P.A. [IT/IT]; Via Gesu', 21, I-20121 Milano (IT).

(48) Date of publication of this corrected version:
29 December 2004

(72) Inventor; and
(75) Inventor/Applicant (for US only): ORLANDI, Vittorio [IT/IT]; Via L. Manara, 10, I-21010 Arsago Seprio (IT).

(15) Information about Correction:
see PCT Gazette No. 53/2004 of 29 December 2004, Section II

(74) Agent: GERVASI, Gemma; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittorio, 9, I-20122 Milan (IT).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,

WO 2004/053216 A1

(54) Title: FABRIC WITH A BASE OF NON-WOVEN FABRIC STRIPS

(57) Abstract: A textile product is described which is composed of a weft and a warp, in which the weft and/or the warp are composed of strips of non-woven fabric. This product is applied in the production of cloths for cleaning floors, dusters, napkins, bedspreads, couch covers, cushion covers, car seat covers, doormats, etc. The strips of non-woven fabric are preferably composed of hydroentangled or thermobonded fibres, and with a base of materials such as viscose, polyethylene, polypropylene, polyamide, cellulose pulp. The invention also includes mixed textile products, in which non-woven products are combined with materials other than non-woven such as wool, silk, synthetic fibres, etc. This method is advantageously, though not exclusively, suited for recycling even waste materials derived from the processing of non-woven fabric.